

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1797.0540001/RWE/CJWAPPLICATION NO.
10/716,604FIRST NAMED INVENTOR
Sita *et al.*FILING DATE
November 20, 2003ART UNIT
1754

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>M</i>	AA1	5,318,935	06/07/1994	Canich <i>et al.</i>	502 117	07/30/1992
<i>M</i>	AB1	5,387,660	02/07/1995	Doyle <i>et al.</i>	526 69	03/01/1993
<i>M</i>	AC1	5,527,752	08/18/1996	Reichle <i>et al.</i>	502 117	03/29/1995
<i>M</i>	AD1	5,648,438	07/15/1997	Henry <i>et al.</i>	526 65	04/01/1994
<i>M</i>	AE1	5,674,795	10/07/1997	Wasserman <i>et al.</i>	502 9	08/07/1995
<i>M</i>	AF1	5,681,808	10/28/1997	Mehra <i>et al.</i>	526 68	01/25/1996
<i>M</i>	AG1	5,912,202	06/15/1999	Oskam <i>et al.</i>	502 104	01/10/1997
<i>M</i>	AH1	6,579,998 B2	06/17/2003	Sita <i>et al.</i>	526 53	05/07/2001
	AI					
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>M</i>	AL1	WO 03/008459 A1	01/30/2003	WIPO		Yes No
<i>M</i>	AM1	WO 01/30858 A1	05/03/2001	WIPO		Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>M</i>	AR	1	Abiko, A., <i>et al.</i> , "Mechanism of the Double Aldol Reaction: The First Spectroscopic Characterization of a Carbon-Bound Boron Enolate Derived from Carboxylic Esters," <i>J. Am. Chem. Soc.</i> 124:10759-10764, American Chemical Society (Published on Web August 15, 2002)
<i>M</i>	AS	1	Asakura, T., <i>et al.</i> , "Carbon-13 NMR Spectral Assignment of Five Polyolefins Determined from the Chemical Shift Calculation and the Polymerization Mechanism," <i>Macromolecules</i> 24:2334-2340, American Chemical Society (1991)
<i>M</i>	AT	1	Barker, J., and Kilner, M., "The coordination chemistry of the amidine ligand," <i>Coord. Chem. Rev.</i> 132:219-300, Elsevier Science S.A. (1994)

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; font-size: x-small;"> ATTY. DOCKET NO. 1797.0540001/RWE/CJW </td> <td style="width: 40%; font-size: x-small;"> APPLICATION NO. 10/716,604 </td> </tr> <tr> <td colspan="2" style="font-size: x-small;"> FIRST NAMED INVENTOR Sita et al. </td> </tr> <tr> <td style="font-size: x-small;"> FILING DATE November 20, 2003 </td> <td style="font-size: x-small;"> ART UNIT 1754 </td> </tr> </table>	ATTY. DOCKET NO. 1797.0540001/RWE/CJW	APPLICATION NO. 10/716,604	FIRST NAMED INVENTOR Sita et al.		FILING DATE November 20, 2003	ART UNIT 1754
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	2	Coles, M.P., and Jordan, R.F., "Cationic Aluminum Alkyl Complexes Incorporating Amidinate Ligands. Transition-Metal-Free Ethylene Polymerization Catalysts," <i>J. Am. Chem. Soc.</i> 119:8125-8126, American Chemical Society (1997)
	AS	2	Davies, S.G., "Organometallics as Nucleophiles," in <i>Organotransition Metal Chemistry: Applications to Organic Synthesis</i> , vol. II., Baldwin, J.E., ed., Pergamon Press, Oxford, Great Britain, pp. 187-217 (1982)
	AT	2	Edelmann, F.T., "N-silylated benzamidines: versatile building blocks in main group and coordination chemistry," <i>Coord. Chem. Rev.</i> 137:403-481, Elsevier Science S.A. (1994)

EXAMINER 	DATE CONSIDERED February 20, 2005
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M	AR	3	Hiatky, G.G., "Heterogeneous Single-Site Catalysts for Olefin Polymerization," <i>Chem. Rev.</i> 100:1347-1376, American Chemical Society (2000)
M	AS	3	Jayarathne, K.C., and Sita, L.R., "Stereospecific Living Ziegler-Natta Polymerization of 1-Hexene," <i>J. Am. Chem. Soc.</i> 122:958-959, American Chemical Society (2000)
A	AT	3	Jayarathne, K.C., <i>et al.</i> , "Living Ziegler-Natta Cyclopolymerization of Nonconjugated Dienes: New Classes of Microphase-Separated Polyolefin Block Copolymers via a Tandem Polymerization/Cyclopolymerization Strategy," <i>J. Am. Chem. Soc.</i> 122:10490-10491, American Chemical Society (2000)

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	AR	4	Keaton, R.J., <i>et al.</i> , "Structural Characterization of Zirconium Cations Derived from a Living Ziegler-Natta Polymerization System: New Insights Regarding Propagation and Termination Pathways for Homogenous Catalysts," <i>J. Am. Chem. Soc.</i> 122:12909-12910, American Chemical Society (2000)
	AS	4	Keaton, R.J., <i>et al.</i> , "Dramatic Enhancement of Activities for Living Ziegler-Natta Polymerizations Mediated by "Exposed" Zirconium Acetamidinate Initiators: The Isospecific Living Polymerization of Vinylcyclohexane," <i>J. Am. Chem. Soc.</i> 123:6197-6198, American Chemical Society (Published on Web June 1, 2001)
	AT	4	Kim, Y.H., <i>et al.</i> , "α-Iminoenamido Ligands: A Novel Structure for Transition-Metal Activation," <i>Organometallics</i> 21:3082-3084, American Chemical Society (Published on Web June 18, 2002)

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	AR	5	Koterwas, L.A., <i>et al.</i> , "Stereospecific Syntheses, Metal Configurational Stabilities, and Conformational Analyses of <i>meso</i> -(<i>R,S</i>)- and (<i>R,R</i>)-(η^5 -C ₅ R ₅)Ti(CH ₃) ₂ - <i>N,N</i> -bis(1-phenylethyl)acetamidates for R = H and Me," <i>Organometallics</i> 18:4183-4190, American Chemical Society (1999)
	AS	5	Neculai, A.M., <i>et al.</i> , "Synthesis of New β -Diketiminato Complexes of Scandium(III): Unprecedented Formation of a Multicyclic Aggregate," <i>Organometallics</i> 20:5501-5503, American Chemical Society (Published on Web November 22, 2001)
	AT	5	Okeya, S., <i>et al.</i> , "Dinuclear platinum(II) complex bridged by an acetylacetonate(3 -) anion," <i>J. Organomet. Chem.</i> 551:117-123, Elsevier Science S.A. (1998)

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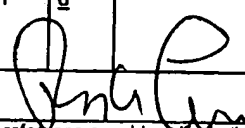
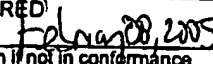
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	AR	6	Sita, L.R., and Babcock, J.R., "Rapid Access to Dimethylcyclopentadienyltitanium(IV) Amidinate, (C ₅ R ₅)TiMe ₂ [NR ¹ C(R ²)NR ³] (R = H and Me; R ² = Me), Libraries," <i>Organometallics</i> 17:5228-5230, American Chemical Society (1998)
	AS	6	Woo, H-G., <i>et al.</i> , "Synthesis, Characterization, and Reactivity of Triphenylsilyl, Triphenylgermyl, and Triphenylstannyl Derivatives of Zirconium and Hafnium," <i>Organometallics</i> 11:2198-2205, American Chemical Society (1992)
	AT	6	Co-pending U.S. Application No. 10/484,210, inventors Sita <i>et al.</i> , filed January 20, 2004
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APPLICATION NO.
10/716,604
ART UNIT
1713

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT


U.S. PATENT DOCUMENTS

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	AN					Yes No
	AO					Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Z	Zhang, Y. and Sita, L.R., "Solid-supported stereospecific living Ziegler-Natta polymerization of α -olefins," <i>Chem. Commun.</i> 18:2358-2359, The Royal Society of Chemistry (September, 2003)
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